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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105-3901

May 19, 2010

Ms. Marie Barry
Environmental Director
Environmental Protection Department
Washoe Tribe of Nevada and California
919 Highway 395 South
Gardnerville, NV 89410

Subject: EPA's End of Project/Grant Evaluation of the Washoe Tribe of Nevada and California's FY06-07-08 CWA Section 319 Grant.

Dear Ms. Barry:

EPA has reviewed the Washoe Tribe of Nevada and California's performance under Clean Water Act Section 319 grant (Grant C9-96977501) for the budget and project periods of 7/1/2006 through 12/31/2009. This review was based on the annual and quarterly reports submitted. We have concluded that you performed satisfactorily in all five core areas of grant performance (properly managed equipment, work plan progress, sufficient funds to complete the project, complying with all programmatic terms and conditions, and complying with all programmatic statutory and regulatory requirements). The report containing EPA's findings including success and recommendations is enclosed for your review.

Please contact me if you have any questions or comments regarding the attached report. Thank you for your continued work to protect the reservation surface and ground waters and your dedication to completing vital nonpoint source implementation projects.

Sincerely,

A handwritten signature in cursive script that reads "Stephanie L. Wilson".

Stephanie L. Wilson
Project Officer

cc: Gwen Brown, Grants Management Office, PMD-7

END OF GRANT REPORT FOR THE WASHOE TRIBE OF NEVADA AND CALIFORNIA CLEAN WATER ACT FY06/07/08 319 GRANT

I. Clean Water Act Section 319

INTRODUCTION

An initial FY06 Clean Water Act Section 319 grant award was made to the Washoe Tribe of Nevada and California on September 8, 2006. Both base funding and competitive funding were included. In FY07 and in FY08, the Tribe received additional 319 funding. Only base funding was included in these awards. The total federal funding awarded was \$240,000. The Tribe received a match waiver (per 40 CFR 35.635) decreasing the match requirement to 10%. The Tribe provided match funds in the amount of \$26,666. Project Goals and Objective included:

- Reduce the risk of bacterial contamination by implementing wellhead protection BMPs
- Continue implementing erosion and sediment control measures to protect and strive towards restoring water quality, watershed condition, and aquatic and riparian habitat on tribal lands as outlined in the Washoe Tribe of Nevada and California's Nonpoint Source Assessment and Management Program.

The tasks negotiated under the workplans include:

- Program Fiscal Administration
- Program Evaluation
- Program Capacity Building and Coordination
- Wellhead Protection Activities
- Urban/Stormwater Runoff: Restoration at Stewart and Carson Communities and Silverado parcel.

II. CURRENT FINDINGS

1. All tasks funded have been completed.
2. Equipment purchases of less than \$5,000 per unit were approved under the grant and equipment was purchased or rented as approved.
3. All federal funds for this project have been expended.
4. Programmatic terms and conditions have been met.
5. Programmatic statutory and regulatory requirements have been met.

III. SUCCESSES

Activities completed include the following (as well as many others):

1. Urban/Stormwater Runoff: Restoration of Stewart, Dresslerville, Woodfords and Carson Communities, Silverado parcel and Stewart Ranch:
 - a. Frank Parcel: Erosion and Access Improvement Project
Water from spring runoff and ephemeral summer events had cut substantial washes along U.S. Highway 395 South at the entrance to an

unimproved road. The Tribe graded the access road and graded a 180 foot section of unimproved road near the highway to improve site access for future erosion control projects. Wood chips were placed on the roadway and shoulders to provide soil stabilization. Several steep slopes were stabilized with rock riprap and 3 aluminum corrugated pipes were installed to manage stormwater runoff.

- b. Silverado Parcel: The 2006 flood event increased flows in an ephemeral wash adjacent to Washoe Silverado Parcel and impacted drainage structure. The Tribe constructed a sediment detention basin to capture stormwater runoff. They reshaped and armored the drainage channels that bisect the parcel. Rock and willow check structures were installed in drainage channels. The Tribe created a rock and fabric lined drainage from an adjacent golf course. The area was seeded with native plant materials.
- c. Stewart Community: The Tribe completed drainage improvement projects at the head start and Community Center parking lots (rebuilt detention basin and conveyed discharge to Clear Creek floodplain). Clear Creek Road culverts were reshaped and armored and ditches cleaned. Drainage at the community well head and tank was improved. Rock check structures were installed. Disturbed areas were seeded with native vegetation. Drainage at the proposed community park was designed to improve conveyance through the residential area. The Topsy Lane Drainage Sediment Basin was constructed. The Schultz irrigation ditch was realigned and a culvert crossing installed.
- d. Stewart Ranch BMPs: The Tribe removed 1,350 cubic yards of sediment from the Stewart Ranch Slough and reshaped the banks and outlet of Jacks Valley Creek. This increased the Slough volume by 25%. Photo monitoring of the Mallard Bend stream bank restoration projects was completed. The project is functioning and is able to withstand flood flows.
- e. Clear Creek Parcels: The Tribe required appropriate BMPs from contractors during construction. They installed rock drainages along Old Clear Creek Road and installed silt fencing during grading. Disturbed areas were reseeded with native vegetation. The Tribe also re-contoured a billboard access road and placed rip rap on the shoulder.
- f. Carson Community BMPs: The Tribe collaborated with Carson City to improve the storm water system for Curry Street. A french drain was installed for the Community Gym and Smoke Shop. The debris and runoff structures built after the 2006 flood were maintained.
- g. Dresslerville Community: A storm water pollution prevention plan for the new community building was completed. The Tribe completed drainage improvements at the gym, head start building and an access road to the Carson River. They also implemented improvements to the Indian Creek crossing including cleaning the creek channel. American beaver were trapped to reduce channel damming. Seven beavers were removed.

- h. Woodfords Community: Site plans and a Storm Water Pollution Prevention Plan for the Park was developed. The Tribe installed a storm drainage system by the community gym and main community road. They set and monitored drains adjacent to the head start building. The Tribe installed french drains and rain gutters on the community buildings. BMPs for runoff and stormwater for Earth Day event. They resurfaced and graded a parking lot to improve stormwater routing and installed curb and gutter on the roadway.
- 2. Wellhead Protection: The Tribe has identified 4 abandoned wells in Carson Community and 3 in Woodfords Community. A photo inventory of the wells was completed. A closure plan for the wells was completed and a draft RFP prepared for future well closure. The Closure Plan was submitted to EPA.

IV. RECOMMENDATIONS/RESOLUTION PLAN:

None

V. EPA CONTACT:

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